

Birkbeck College Crystallography Lab.,  
21 Torrington Square,  
London, W.C.1.

Dr. D. Caspar,  
Sloane Physics Laboratory,  
Yale University,  
NEWHAVEN 11,  
Connecticut,  
U.S.A.

8th November, 1954.

Dear Dr. Caspar,

Thank you very much for your letter. I am  
very interested in your results.

I have calculated Fourier projections from  
the equatorial data, in very much the same way as you (using  
the theoretical shape of the central peak) and I find a  
heavy density shell at about  $r = 55\text{\AA}$ . My intensity measure-  
ments are undoubtedly less accurate than yours, but they  
extend to much larger angles, which enabled me to calculate  
a complete projection rather than its difference from a  
uniform rod.

I am at present busy writing up this and  
other aspects of the work, and hope to be able to send you  
a copy of a draft paper in a week or two.

Yours sincerely,

Rosalind Franklin.